

Appendix C

1. Matching list:

V1.0.4 Jun 17, 2022

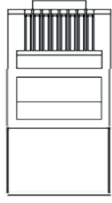

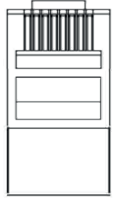

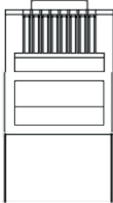



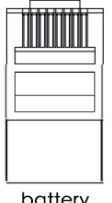

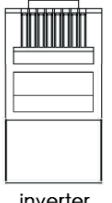

Compatibility list

Victron		Deye sol-ark		Afore		Solis	
Voltacon		Studer		SRNE		Empty	
Goodwe		KeLong		SMT		SMA	
Megarevo		Growatt		Empty		Luxpower	

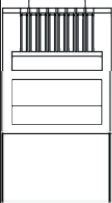

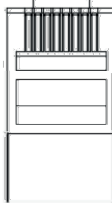

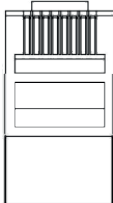

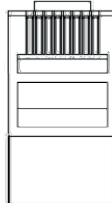





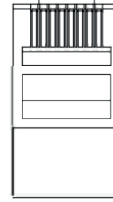

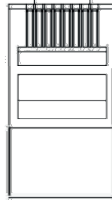

Graphic The black part is the lever



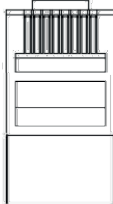

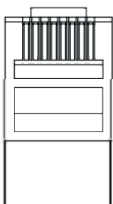

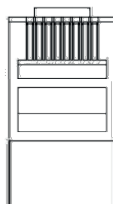

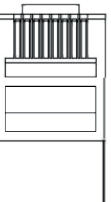

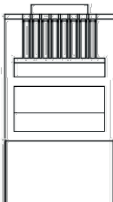

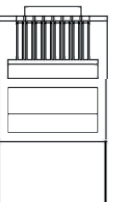

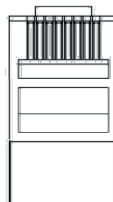

2. Pin Number:

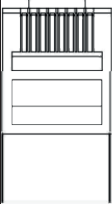

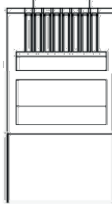

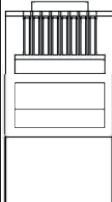

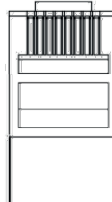

PinNumber	Batthey RS485	Battery CAN	Deye Sol-Ark	Voltronic Hybrid	Voltronic Off-grid	Solis	Afore
1	RS485B		RS485B				
2	RS485A		RS485A				
3	GND				RS485B		RS485A
4		H	H	RS485B		H	H
5		L	L	RS485A	RS485A	L	L
6	GND						RS485B
7	RS485A		RS485A				
8	RS485B		RS485B	GND	GND		
PinNumber	Luxpower	SRNE	Growatt	GOODWE	Victron	SMA	Megarevo
1	RS485B		RS485B	RS485A			
2	RS485A		RS485A	RS485B			
3	L						
4	H		H	H		H	H
5		H	L	L		L	L
6		L					GND
7		RS485A			H		RS485A
8		RS485B			L		RS485B

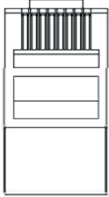
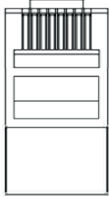
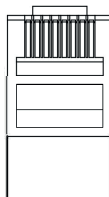
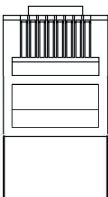
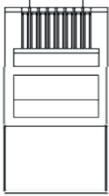
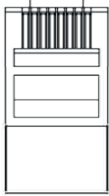
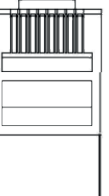
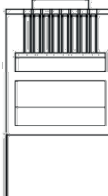
	CAN	RS485
Deye Sol-Ark	4-H, 5-L	1- RS485B, 2- RS485A, 2- 7- RS485A, 8- RS485B
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> </div> <div style="text-align: center;">  <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> </div> <div style="text-align: center;">  <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> </div> </div>
Victron	7-H, 8-L	
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> </div> <div style="text-align: center;">  <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4. 5. 6. 7.CAN-H 8.CAN-L</p> </div> </div>	

	CAN	RS485
Voltronic (On-grid)		4- RS485B,5- RS485A,8-GND
		<p>battery</p> <p>inverter</p> <p>1 2 3 4 5 6 7 8</p> <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3. 4.RS485B 5.RS485A 6. 7. 8.</p>
Voltronic (Off-grid)		3- RS485B,5- RS485A,8-GND
	Phocos MPP Solar	<p>battery</p> <p>inverter</p> <p>1 2 3 4 5 6 7 8</p> <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3.RS485B 4. 5.RS485A 6. 7. 8.</p>

	CAN		RS485	
Goodwe	4-H, 5-L		1- RS485A, 2- RS485B	
	 <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p>	 <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p>	 <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p>	 <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485A 2.RS485B 3. 4. 5. 6. 7. 8.</p>
Growatt	4-H, 5-L		1- RS485B, 2-RS485A	
	 <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p>	 <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p>	 <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p>	 <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4. 5. 6. 7. 8.</p>

	CAN		RS485	
Luxpower	3-H, 4-L		1- RS485B, 2- RS485A	
	 <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. RS485B 2. RS485A 3. 4. CAN-H 5. CAN-L 6. 7. RS485A 8. RS485B</p>	 <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. CAN-H 4. CAN-L 5. 6. 7. 8.</p>	 <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. RS485B 2. RS485A 3. 4. CAN-H 5. CAN-L 6. 7. RS485A 8. RS485B</p>	 <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. RS485B 2. RS485A 3. 4. 5. 6. 7. 8.</p>
SRNE	5-H, 6-L		7- RS485A, 8- RS485B	
	 <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. RS485B 2. RS485A 3. 4. CAN-H 5. CAN-L 6. 7. RS485A 8. RS485B</p>	 <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4. 5. CAN-H 6. CAN-L 7. 8.</p>	 <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. RS485B 2. RS485A 3. 4. CAN-H 5. CAN-L 6. 7. RS485A 8. RS485B</p>	 <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4. 5. 6. 7. RS485A 8. RS485B</p>

	CAN	RS485
Solis	4-H, 5-L	
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> </div> <div style="text-align: center;">  <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <p>4.CAN-H</p> <hr style="border: 1px solid orange; width: 100%;"/> </div> <div style="text-align: center;"> <p>4.CAN-H</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <p>5.CAN-L</p> <hr style="border: 1px solid orange; width: 100%;"/> </div> <div style="text-align: center;"> <p>5.CAN-L</p> </div> </div>	
SMA	4-H, 5-L	
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>battery</p>  <p>1 2 3 4 5 6 7 8</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> </div> <div style="text-align: center;">  <p>inverter</p>  <p>1 2 3 4 5 6 7 8</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <p>4.CAN-H</p> <hr style="border: 1px solid orange; width: 100%;"/> </div> <div style="text-align: center;"> <p>4.CAN-H</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <p>5.CAN-L</p> <hr style="border: 1px solid orange; width: 100%;"/> </div> <div style="text-align: center;"> <p>5.CAN-L</p> </div> </div>	

	CAN	RS485
Afore	4-H, 5-L	3- RS485A, 6- RS485B
	 <p>battery</p>  <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p>	 <p>battery</p>  <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3.RS485A 4. 5. 6.RS485B 7. 8.</p>
Megarevo	4-H, 5-L	3- RS485A, 6- RS485B
	 <p>battery</p>  <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3. 4.CAN-H 5.CAN-L 6. 7. 8.</p>	 <p>battery</p>  <p>inverter</p> <p>1.RS485B 2.RS485A 3. 4.CAN-H 5.CAN-L 6. 7.RS485A 8.RS485B</p> <p>1. 2. 3. 4. 5. 6. 7.RS485A 8.RS485B</p>